

High Resolution Orthoimagery: Up Close and Personal

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Introduction: The U.S. Geological Survey (USGS) is acquiring high resolution orthoimagery for the most populated metropolitan areas of the United States. As an essential element of *The National Map*, <http://nationalmap.usgs.gov>, the need for up-to-date imagery is critical for Homeland Security, and Emergency Response. The Orthoimagery category is one of the framework layers for *The National Map*. The imagery can be used as a base layer for updating or deriving additional geographic information, such as transportation networks, hydrographic features, elevation, and land cover.

Acquisition of Imagery: The goal is to collect imagery over the metropolitan areas with a resolution of approximately 1/3 meter or about 1 foot. The process of collecting imagery has been implemented.

Example of High Resolution Orthoimagery for Washington D.C.



The acquisition date of the Washington D.C. area imagery was April 2002.

Specific areas of Washington D.C. demonstrating the resolution of the imagery.



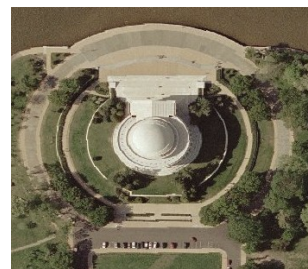
Lincoln Memorial



Washington Monument



Ball Field beside Potomac River



Jefferson Memorial

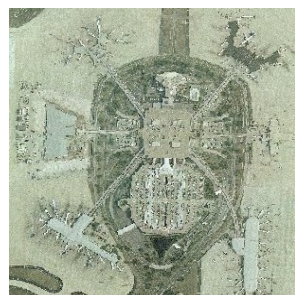
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Example of High Resolution Orthoimagery for Tampa – St. Petersburg, Florida (Tampa, Florida)



The acquisition date of the Tampa – St. Petersburg, FL area imagery was May 2002.

Specific areas of Tampa, FL demonstrating the resolution of the imagery.



Tampa International Airport



Raymond James Stadium



Airplane on the runway



**Pirate ship at north end of
Raymond James Stadium**

Distribution of Imagery to the Public: The data is available as a seamless product on the Seamless Data Distribution System. (SDDS)

<http://seamless.usgs.gov>

The imagery is available for online download as small files or larger areas may be purchased on media (CD or DVD).

Useful URL's:

<http://seamless.usgs.gov>

<http://gisdata.usgs.net>

<http://edc.usgs.gov>

<http://nationalmap.usgs.gov>

<http://www.usgs.gov>

Contact Information:

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